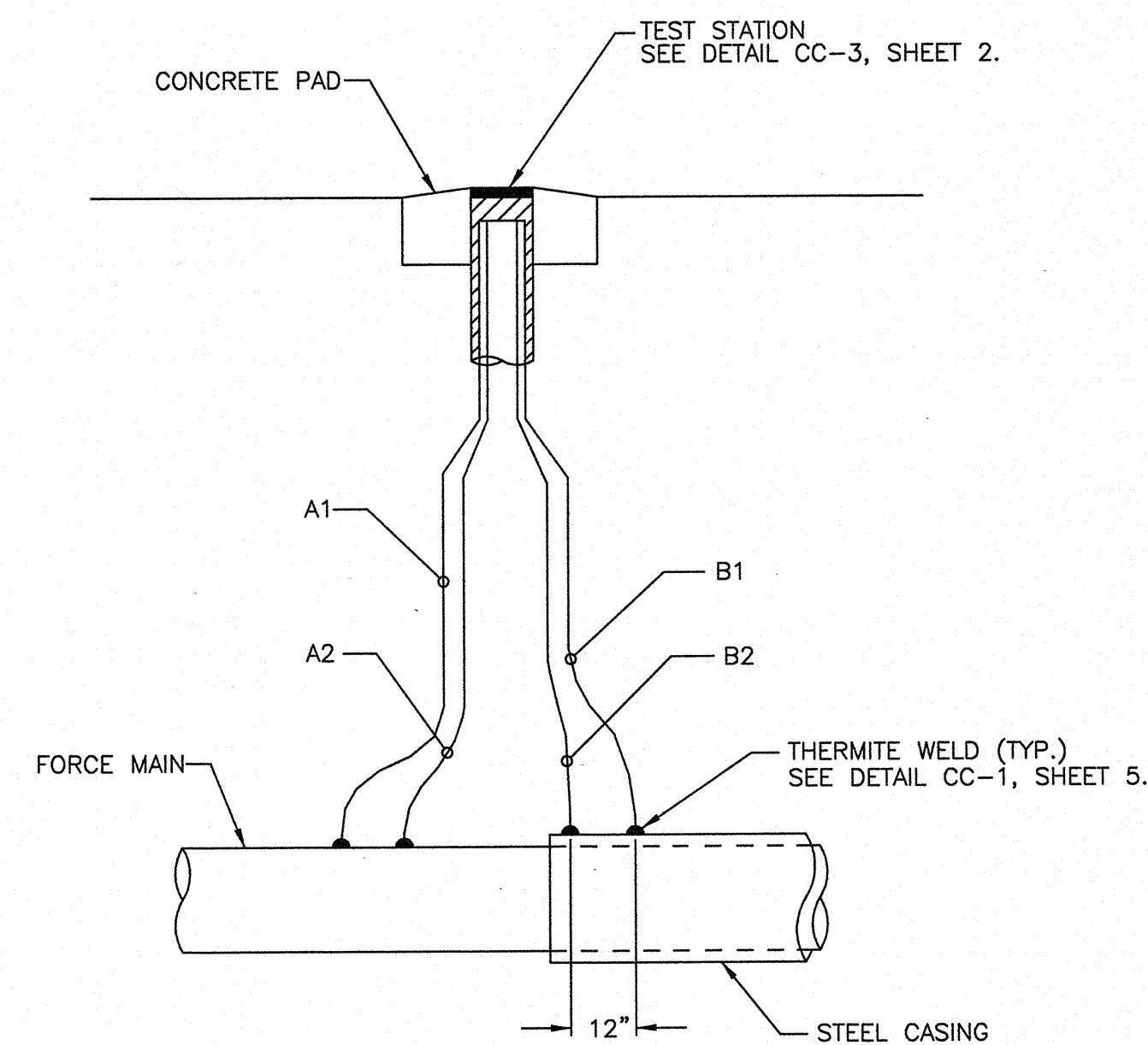


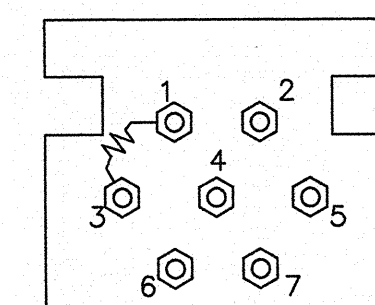
NOTE: INSTALL PREPACKAGED 32LB MAGNESIUM ANODES
SEE DETAIL CC-6, SHEET 2 FOR PLACEMENT OF ANODES
SEE DETAIL CC-9, THIS SHEET FOR WIRING DETAIL
SEE SHEET 1 FOR LOCATIONS

DETAIL CC-7: TYPE TD TEST STATION
NOT TO SCALE



NOTE:
SEE DETAIL CC-10, THIS SHEET FOR WIRING DETAIL
SEE SHEET 1 FOR LOCATIONS

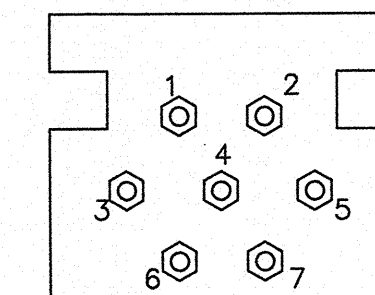
DETAIL CC-8: TYPE CS CASING TEST STATION
NOT TO SCALE



TEST STATION	WIRE DESIGNATION	COLOR/AWG	DESCRIPTION
1	A-1	WHITE #12	PIPE/THWN
2	A-2	BLACK #12	PIPE/THWN
3	B-1	BLACK #8	ANODE HEADER CABLE

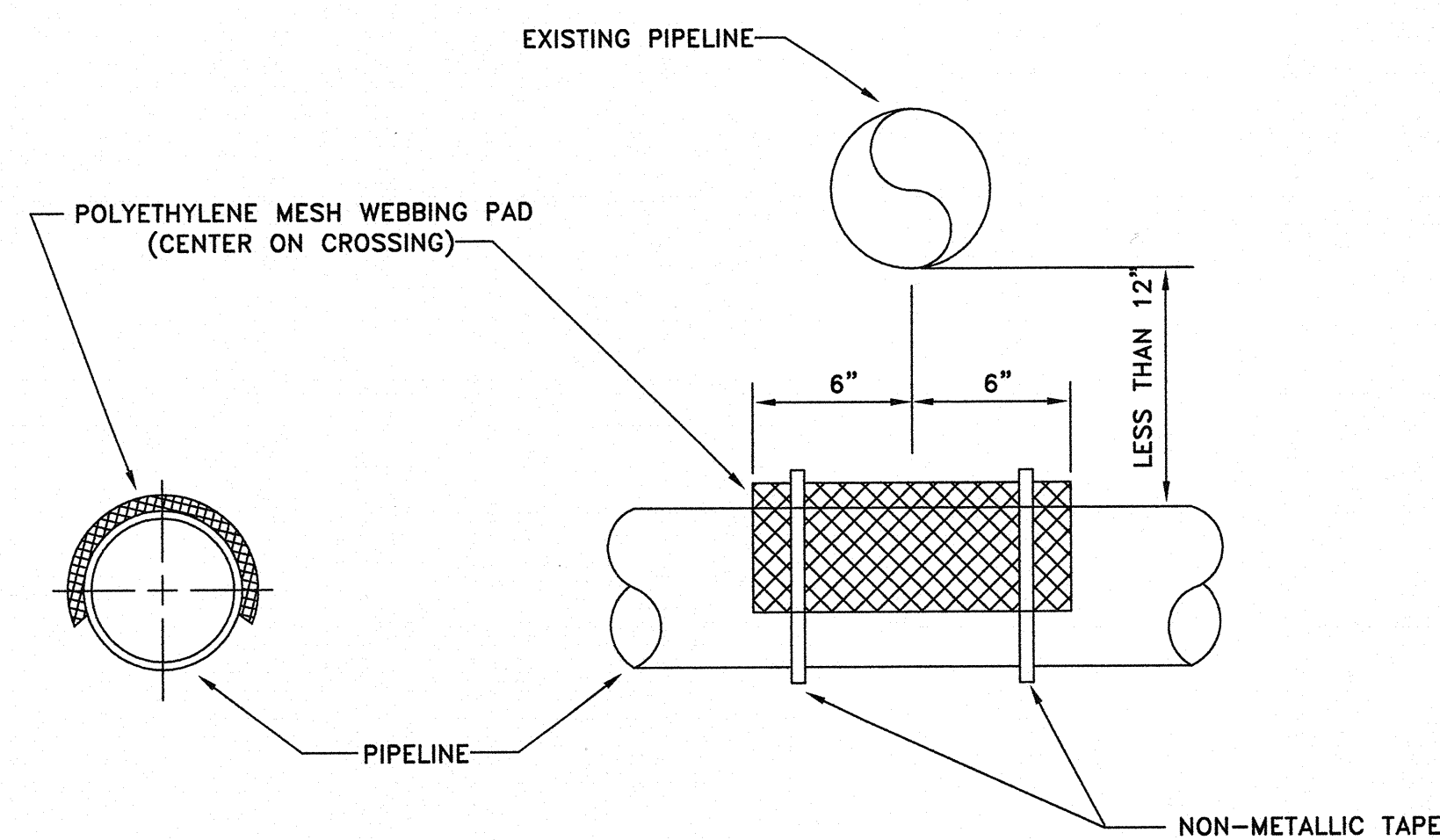
NOTE:
.01 OHM SHUNT BETWEEN TEST STATION
TERMINAL 1-3 (A-1-B-1)

DETAIL CC-9: TYPICAL TD TERMINAL WIRING
NOT TO SCALE



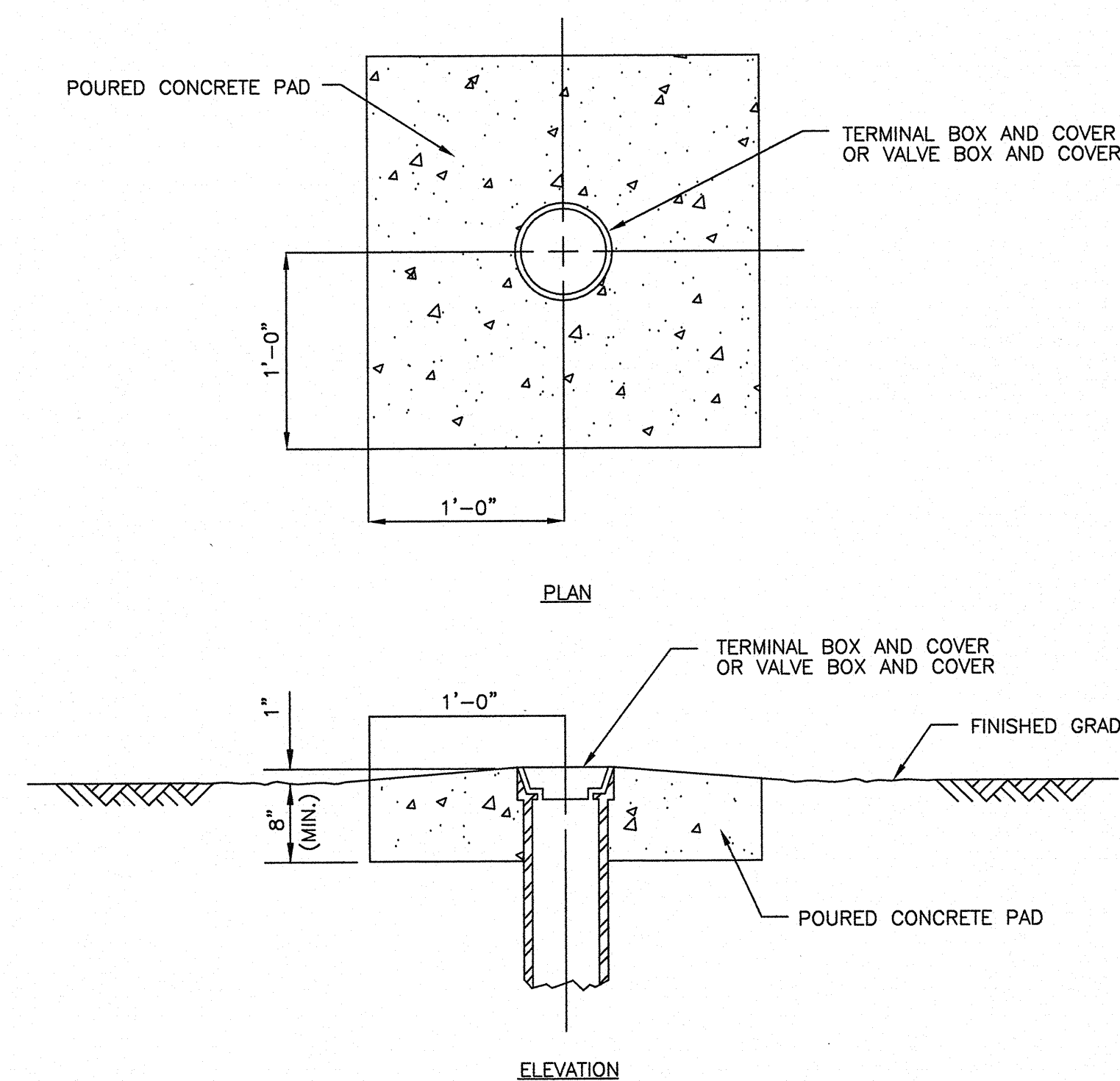
TEST STATION	WIRE DESIGNATION	COLOR/AWG	DESCRIPTION
1	A-1	WHITE #12	PIPE/THWN
2	A-2	WHITE #12	PIPE/THWN
3	B-1	BLACK #12	CASING
4	B-2	BLACK #12	CASING

DETAIL CC-10: TYPICAL CS TERMINAL WIRING
NOT TO SCALE



NOTE:
USE ONLY WHEN PIPES ARE LESS THAN 12" APART.

DETAIL CC-11: SEPARATOR TO AVOID
ELECTRICAL CONTACT
NOT TO SCALE



NOTES:
1. CONCRETE PADS FOR WATER MAIN VALVE AND TERMINAL BOX ARE TO BE INSTALLED
USING REQUIREMENTS FOR CLASS "D" CONCRETE (2000 PSI).
2. VALVE BOX CONCRETE PAD TO BE INSTALLED ON ALL VALVES IN NON-PAVED AREAS.

DETAIL CC-12: TEST STATION AND VALVE BOX CONCRETE PAD
NOT TO SCALE

CORROSION CONTROL TEST STATION SCHEDULE					
SHEET NUMBER	APPROXIMATE WATER MAIN STATION	TEST STATION TYPE	TEST STATION DETAIL	NO. OF PREPACKAGED MAGNESIUM ANODES	NO. OF TEST STATION BOXES
1	0+25	CS	CC-8	0	1
1	2+35	CS	CC-8	0	1
1	1+00 TO 3+00	TD	CC-7	11	2
1	9+00 TO 11+00	TD	CC-7	11	2
1	14+10	CS	CC-8	0	1
1	16+05	CS	CC-8	0	1
1	16+05 TO 18+05	TD	CC-7	11	2
1	24+00 TO 26+00	TD	CC-7	11	2
TOTALS				44	12

DETAIL CC-13: TEST STATION SCHEDULE

NO.	DATE	BY	REVISION

LCSALogo.tif
LOUDOUN COUNTY
SANITATION AUTHORITY
880 HARRISON STREET, SE
LEESBURG, VIRGINIA 20175
(703) 771-1095

CORROSION CONTROL DETAILS



SCALE
HORIZ: AS SHOWN
VERT: AS SHOWN
DATE: MAY 2008
DRAWN BY: RJR
CHECKED BY: WMR
APPROVED BY: _____

PROJECT NO.
JOB NO.
CADD FILE

LOUDOUN COUNTY SANITATION AUTHORITY
RT. 607 AND RT.7 30" WATER MAIN
LOUDOUN COUNTY, V.A.

18(9)

DRAWING
3
OF
5
SHEETS